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THE COMMONWEALTH OF MASSACHUSETTS: *Dept. of civil
service and
registration: Division
of registration.*

ANNUAL REPORT

of the

STATE EXAMINERS OF ELECTRICIANS

for the

YEAR ENDING NOVEMBER 30, 1941

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STATE EXAMINERS OF ELECTRICIANS

To the Honorable Senate and House of Representatives:

In accordance with section 2, chapter 141, and sections 32 and 32a, chapter 30, of the General Laws, as amended by sections 4 and 4a of chapter 499 of the General Acts of 1939, the State Examiners of Electricians submit herewith their annual report for the year ending November 30, 1941.

From the first day of December, 1940, to the thirtieth day of November, 1941, applicants were examined and were passed or rejected as shown in the following tables:

Result of Examinations held from December 1, 1940, to November 30, 1941.

Examinations	Examined	Passed	Failed
1940			
Boston, December 4	61	17	44
New Bedford, December 5)			
New Bedford, December 6)	26	4	22
1941			
Boston, January 8	21	7	14
Lowell, January 9	3	1	2
Boston, February 5	34	11	23
Worcester, February 6	29	4	25
Boston, March 5	62	16	46
Fall River, March 6)			
Fall River, March 7)	33	6	27
Boston, April 2	77	17	60
Springfield, April 3	46	4	42
Boston, May 7	90	19	71
Worcester, May 8	42	4	38
Boston, June 4	151	19	132
Boston, September 10	93	12	81
Worcester, September 11	31	5	26
Springfield, October 15	30	11	19
Pittsfield, October 16	16	0	16
Boston, November 5	48	11	37
Lowell, November 6	3	1	2
Total	896	169	727

FINANCIAL STATEMENT

The following table shows the receipts of the State Examiners of Electricians for the fiscal years 1938, 1939, 1940 and for the fiscal year commencing December 1, 1940 and ending November 30, 1941:

RECEIPTS				
Masters	1938	1939	1940	1941
Application fees	\$1,865.00	\$1,775.00	\$1,690.00	\$1,625.00
Renewal fees	20,385.00	20,325.00	20,355.00	20,100.00
Duplicate certificate				5.00
Total fees from Masters	\$22,250.00	\$22,100.00	\$22,045.00	\$21,730.00
Journeyman				
Application fees	\$1,546.00	\$1,567.00	\$1,525.00	\$1,910.00
Renewal fees	9,099.00	9,012.00	8,947.00	8,996.00
Certified Statements	15.00	13.00	14.00	23.00
Total fees from Journeyman	\$10,660.00	\$10,592.00	\$10,486.00	\$10,929.00
Total paid to Treasurer of Commonwealth	\$32,910.00	\$32,692.00	\$32,531.00	\$32,659.00

EXPENDITURES	
Travel	\$3,913.04
Members' Services	1,000.00
Salaries	15,780.00
Additional clerical and stenographic assistance	402.11
Expenses	2,971.58
	\$24,066.73

Financial Statement Verified
3/4/42
J. D. MacDonald

Walter S. Morgan
Comptroller

EXAMINATIONS, 1942

Examinations are scheduled to be held at the following points and on the following dates:

Boston	Wednesday	January 7
Lowell	Thursday	January 8
Boston	Wednesday	February 4
Worcester	Thursday	February 5
Boston	Wednesday	March 4
Fall River	Thursday	March 5
Fall River	Friday	March 6
Boston	Wednesday	April 1
Springfield	Thursday	April 2
Boston	Wednesday	May 6
Worcester	Thursday	May 7
Boston	Wednesday	June 3
Boston	Wednesday	September 9
Worcester	Thursday	September 10
Springfield	Wednesday	October 14
Pittsfield	Thursday	October 15
Boston	Wednesday	November 4
Lowell	Thursday	November 5
Boston	Wednesday	December 2
New Bedford	Thursday	December 3
New Bedford	Friday	December 4

CERTIFICATES

Certificates issued during fiscal years:	1938	1939	1940	1941
*Masters (Class A)	37	45	39	36
*Journeymen (Class B)	109	121	97	202
Certificates renewed during fiscal years:	1938	1939	1940	1941
Masters (Class A)	1,359	1,355	1,357	1,340
Journeymen (Class B)	9,099	9,012	8,947	8,996
Certified Statements of Registration issued during fiscal years:	1938	1939	1940	1941
Journeymen (Class B)	15	13	14	23

*These figures include those who passed the regular examination, those who were licensed after appeal, and those licensed on the basis of previous examinations.

4.

In our report for the year ending November 30, 1940, we recommended legislation to determine the appointing authority for the employees working under this Board. A bill was filed to amend the General Laws, Chapter 13, Section 32, to accomplish this purpose. It became House Bill No. 67, was given a hearing by the Committee on State Administration and Ways and Means, and was rejected by the House on July 28, 1941.

We also recommended legislation to empower this Board to summon witnesses, administer oaths and to take testimony. A bill was filed to amend the General Laws, Chapter 141, to accomplish this purpose. It became House Bill No. 68, and was heard by the House Ways and Means Committee. This Committee referred the bill to the Attorney General and requested an opinion "as to whether the Board has the authority which House Bill 68 would give them". The Attorney General under date of June 6, 1941, replied in the affirmative and stated that General Laws (Ter. Ed.) Chapter 112, sections 61 and 62, already conferred the authority, as this Board is within the Division of Registration of the Department of Civil Service and Registration. The Committee recommended that House Bill No. 68 ought not to pass and it was rejected by the House on July 23, 1941.

Licenses have been revoked or suspended for violation of the rules and requirements of the Examiners as follows:

Masters' Licenses Suspended -----2

Journeyman Licenses Revoked -----3

Journeyman Licenses Suspended -----8

In accordance with the requirements of St. 1939, c. 49, ss. 4 and 4A, a list of all rules and regulations made by the State Examiners of Electricians is submitted as follows:

RULES AND REQUIREMENTS FOR THE BUSINESS OF INSTALLING WIRES, CONDUITS, APPARATUS, FIXTURES AND OTHER APPLIANCES FOR CARRYING OR USING ELECTRICITY FOR LIGHT, HEAT OR POWER PURPOSES.

The following rules and requirements were adopted pursuant to the provisions of G.L. (Ter. Ed.) C.141, ss.2 and 4:

All persons, firms and corporations entering into, engaging in or working at the business of installing wires, conduits, apparatus, fixtures or other appliances for carrying or using electricity for light, heat or power purposes, either as a master or employing electrician or as a journeyman electrician, shall be governed by all general and special laws, and municipal ordinances, by-laws and regulations, now or hereafter in force applicable thereto, and in respect to all matters not therein expressly provided shall, on and after January 1, 1941, be governed by the standards set forth in the 1940 National Electrical Code as published by the National Board of Fire Underwriters on recommendation of the National Fire Protection Association, copies whereof, duly attested by the technical secretary of said association are on file with the Secretary of the Commonwealth and with this Board.

The Rules and Requirements governing the carrying capacities of wires and cables of the 1940 Code have been amended by substituting the 1937 tables of carrying capacities provided it does not conflict with any municipal regulations.

Applications for renewal of masters' licenses must be signed by the member of a firm or the officer of a corporation taking the examination.

Two or more journeymen associated as partners, or otherwise, shall not engage in the business of installing wires, conduits, apparatus, fixtures and other appliances for carrying or using electricity for light, heat or power purposes, without the necessary master electrician's license.

In the case of the death of a holder of a master's certificate who is conducting a business either as an individual or a co-partnership, his estate shall be allowed a period of two months to settle up such business.

The following rules for examinations have been adopted pursuant to the provisions of G.L. (Ter. Ed.) C.141, s2:

All examinations shall be given in English.

Applicants for Class "B" or journeyman's certificate must be at least 18 years of age and have had at least two years' practical experience or the equivalent in the installation of wires, conduits, apparatus, fixtures and other appliances for carrying or using electricity for light, heat or power purposes.

Applicants for Class "A" or master's certificate must be at least 21 years of age and have had at least two years' experience or the equivalent in the business of installing wires, conduits, apparatus, fixtures and other appliances for carrying or using electricity for light, heat or power purposes. Examinations shall consist of applicant's knowledge of the National Electrical Code and practical electrical work.

All persons desiring to be examined, either for a Master or Journeyman's certificate, shall have his application on file at least ten days previous to the date of such examination.

Applicants for examination will be required to obtain at least 70% in order to obtain a certificate.

Applicants who fail to obtain the required 70% will not be entitled to re-examination until a period of three months has elapsed and those who receive less than 50%, or who fail on the practical demonstration, will not be re-examined for a period of six months.

Any person found referring to notes or books, or misbehaving during an examination will be debarred from that examination. Notice will be sent to applicants for certificates when and where examinations will be held, and only those so notified will be examined on that day.

Any appeal to the State Examiners of Electricians on the markings of examination papers must be made within thirty days of notice of failure.

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In accordance with G.L. (Ter. Ed.) C.112, s88, the State Examiners of Electricians will issue to any of its licensees a statement of registration certifying the name, address, license number and date of expiration of license upon the payment of the fee of \$1.00. In case any additional information is furnished, the fee shall be \$2.00

The Examiners of Electricians have issued 36 original masters' licenses and 202 original journeymen's licenses during the fiscal year which ended on November 30, 1941. The provisions of Chapter 141 of the General Laws and the rules and requirements of the Board have been enforced by the four investigators employed by the Examiners. Several persons who violated the law were prosecuted in court and fined for working without licenses. The department has assisted the local Wire Inspectors in the enforcement of the rules and requirements and local ordinances, by-laws and regulations.

Respectfully submitted,

STATE EXAMINERS OF ELECTRICIANS

Stephen C. Garrity, Chairman
State Fire Marshal

Ulysses J. Lupien
Director of Civil Service

Walter F. Downey,
Commissioner of Education

Bertram L. Whittemore

Samuel J. Donnelly

January 19, 1942.

Harrison C. Witherell
Executive Secretary
Room 406, 15 Ashburton Place, Boston, Mass.